New Construction Allowance Products, Processes and Quality Assurance

OSA/SUPSHIP Outfitting Conference

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New Construction Allowance Products, Processes and Quality Assurance

- Discussion Topics
  - Allowance Products
  - CDMD-OA/WSF-A & C/NSAF Interface
  - Configuration and ASI Data Flow
  - NAVICP-M ASI Process
  - Quality Assurance
  - ASI By Supplier Code
  - Allowance Development…F.5P
  - Allowance Tools

New Construction Allowance Products, Processes and Quality Assurance

- Allowance Products
  - Incremental
    - ✓During construction
    - ✓GF/CF split of allowances
  - Load COSAL/SNAP Initialization
    - ✓At completion of construction phase
    - ✓Consolidated GF/CF ship allowances
  - General Use Consumable List (GUCL)
    - ✓Non-equipment related general use consumables
  - Automated Shore Interface (ASI)
    - ✓Following SNAP initialization
    - ✓Updates SNAP with maintenance actions

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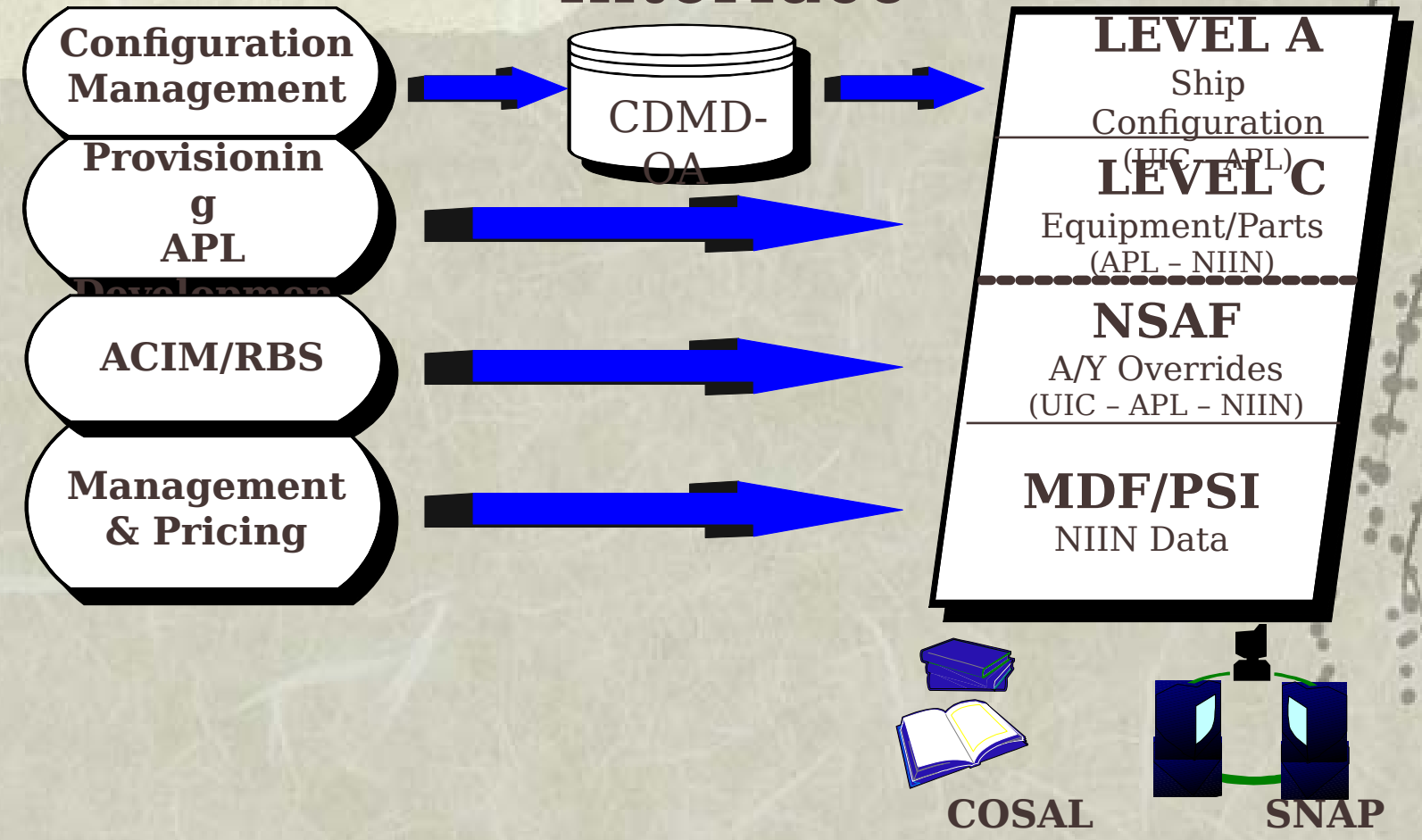
CDMD-OA/SF-A & C/NSAF Interface



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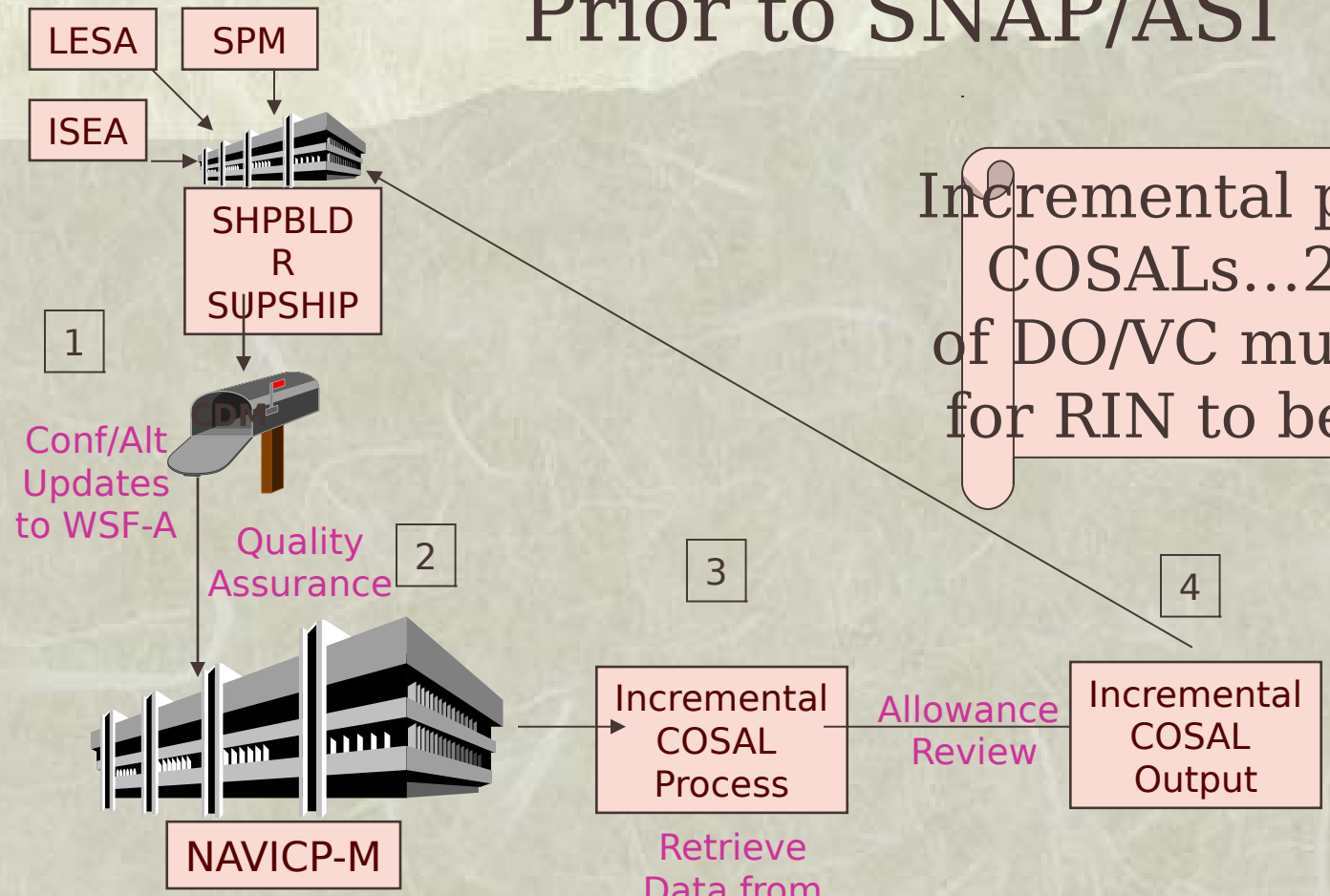
Configuration Data Flow Prior to SNAP/ASI



Incremental products and COSALs…2nd position of DO/VC must be an “F” for RIN to be considered

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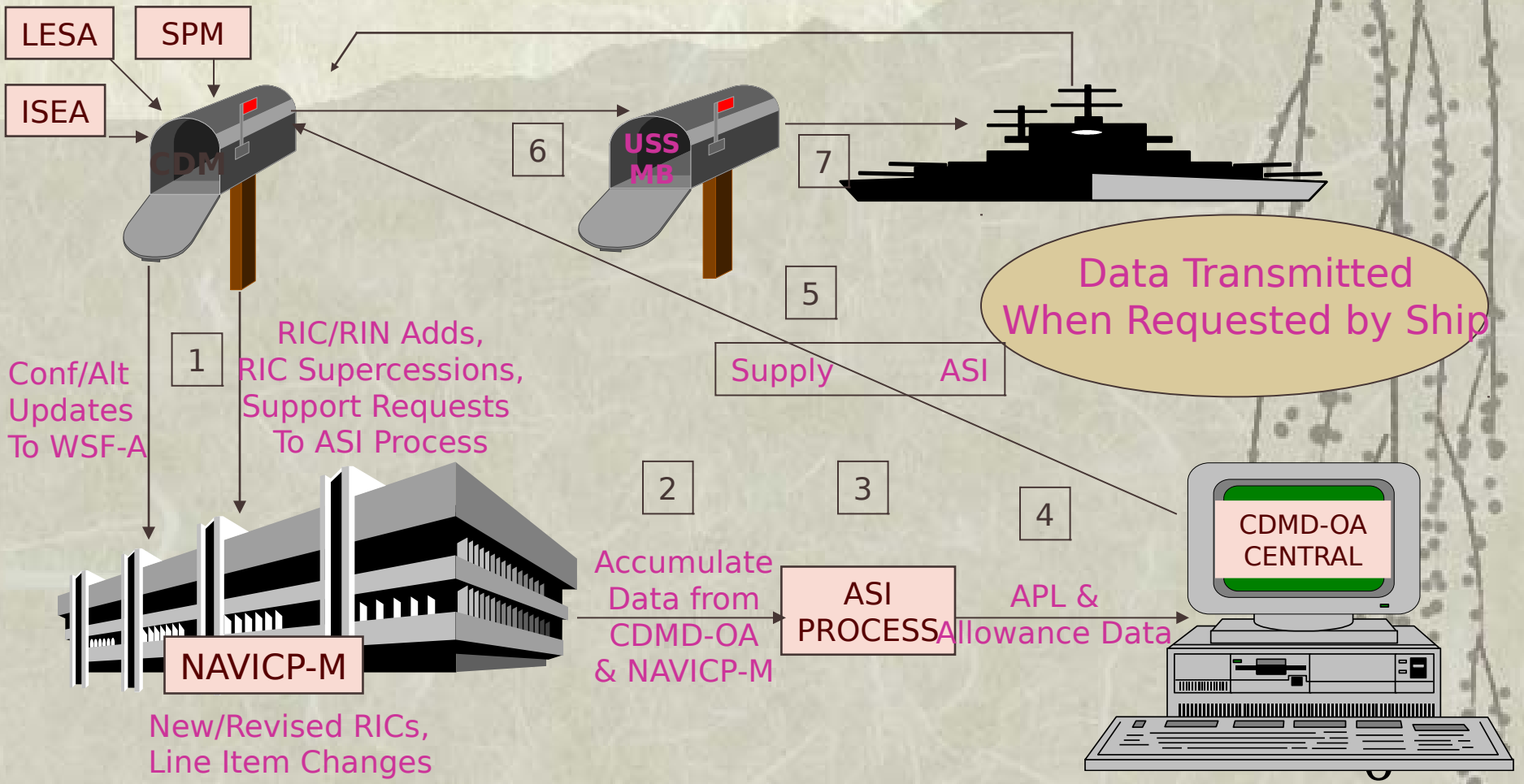
ASI Data Flow



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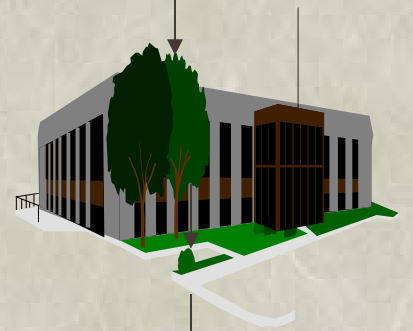
NAVICP-M ASI Process

1 WEEK 1 & WEEK 2 CDMD-OA COLLECTS MAINTENANCE ACTIONS



NAVICP-M

2 CONSOLIDATE MAINTENANCE ACTIONS/REVIEW FOR ACCURACY

3 EXTRACT EQUIPMENT, AOR AND ITEM DATA (WSF-C, NSAF, MDF, & PSI)

4 PRODUCE APL, LINE ITEM AND CROSS REF OUTPUT (B, C, F RECORDS) & COMPUTATION I/P

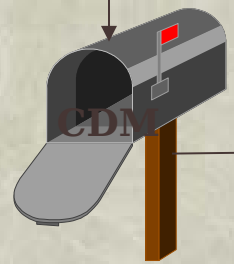
5 COMPUTE ALLOWANCES VIA PD66, QA QTYS & CORRECT ERRORS

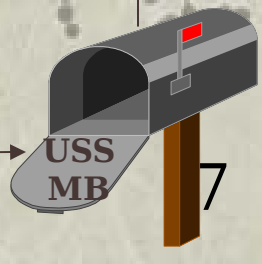
6 PRODUCE SRF (ALLOWANCE) AND NSN X-REF (E, G RECORDS)

7 UPDATE NAVICP-M HISTORY FILES (ACHF/SHF)

8 POST ASI DATA TO CDMD-OA SERVER

9 CDMD-OA VALIDATES DATA AND POSTS TO APPLICABLE MAIL BOX





New Construction Allowance Products, Processes and Quality Assurance

- Quality Assurance
  - Incremental To SNAP Initiative (ITSI)
  - Configuration Accuracy
    - Weekly
    - Per ASI
  - Quality Ships Configuration and APL NIIN Review (QSCANR)
  - NIIN Filter

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- ASI by Supplier Code
  - Purpose: Segregate allowances by supplier code in ASI during new construction
    - ✓Configuration changes submitted to NAVICP based on supplier code
    - ✓Allowances generated based on supplier code
    - ✓Configuration, alteration and logistics output is loaded by the ship into OMMS-NG at the shipboard level via sequenced ASI
    - ✓Allowances are processed by the SUPSHIP/shipbuilder into their outfitting system

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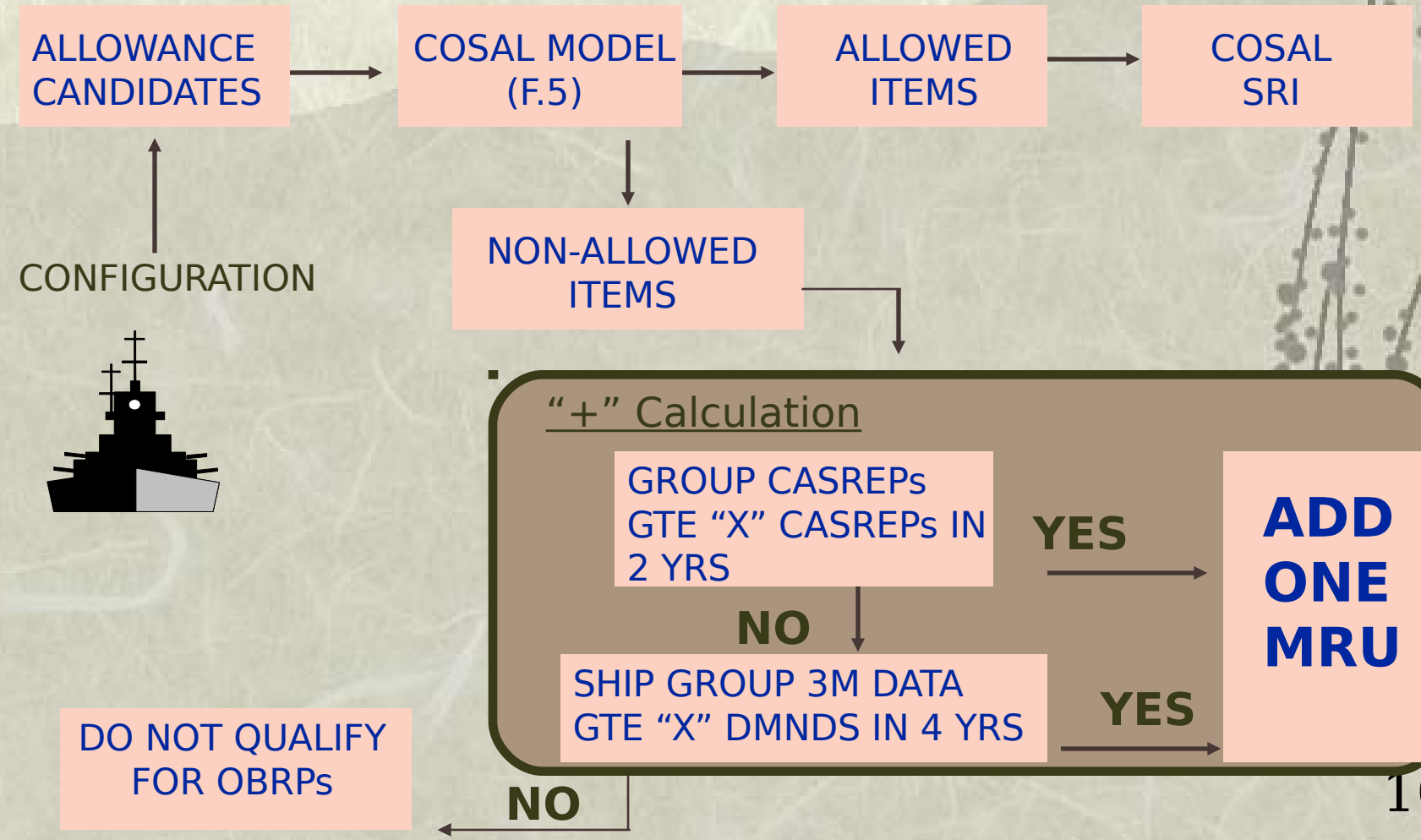
Allowance Development…F.5P



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- Allowance Tools
  - Smart ACHF
    - ✓ Web-based application
    - ✓ Retrieve allowance information distributed by NAVICP for a UIC/NIIN
    - ✓ Current status
      - All active USN UICs loaded for SRI
      - Final stages of QA prior to “publication”
  - Allowance Reconciliation Tool (ART)
    - ✓ Identifies asynchronous conditions between shipboard SNAP and Smart ACHF based on UIC/NIIN
    - ✓ Limited access

Back-Up Slides

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- Data Cross Reference Chart
  - ISNSL → COSAL → SNAP

TYPE OF DATA	ISNSL	COSAL	SNAP UPDATE
CONFIGURATION	IC1 & IC5A --->10B	PART I	A1
ALTERATION	IC1 & IC5A --->10B	PART I	A2
TECHNICAL	APLs/AELs	PART II	B
PIECE PART/MAINTENANCE	APLs/AELs	PART II	C
APL SUPERSESSION	N/A	N/A	D
ALLOWANCE	IF1	PART III	E
ALTERNATE NBR TO NIIN X-REF	IF14C	PART IIID	F
OLD TO NEW STOCK NUMBER X-REF	IF12A & IF13A	STOCK NBR CHANGE LIST	G1
INTERCHANGEABLE/SUBSTITUTABLE	N/A	N/A	G2
LOGISTICS	N/A	N/A	H

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R-Trigger Types

- R1 - File Initialization
- R2 - RIC Supersession
- R3 - New and Revised APL
- R4 - Configuration Range Add
- R5 - Allowance Request
- R6 - Configuration Depth Increase
- R7 - Pen and Ink Change
- R8 - NSAF/ACIP
- R9 - RIC Information Request (B/C records only)

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SNAP Record Types

- A1 - Configuration Data
- A2 - Alteration Data
- B - APL Header
- C - Piece Part Data
- D - APL Supersession
- E - Allowances
- F1 - NIIN to Alternate Reference Number
- G1 - NSN Supersession
- G2 - Interchangeable/Substitutable NSN
- H - Logistics

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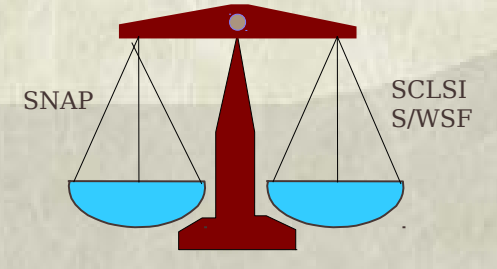
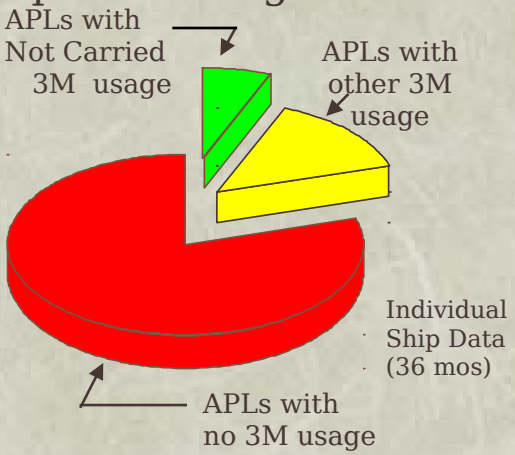


Phase I: Surgical System and Validation Analysis (SSVA)

- Compare and synchronize ship's SNAP database and SCLSIS/WSF
- Classwide analysis
- Selective shipboard validation (critical/problem

Phase II: Targeted Allowancing Technique (TAT)

- Limits new allowances to APLs that have had Not Carried 3M usage
- Deletes/decreases for those APLs with no reported usage



Status

- Implemented Jan '99… 155 ships completed as of Mar '03
- Churn Reduced
  - Nbr & Cost of new allowances reduced
  - Nbr of deletes/decreases reduced
- Moratorium currently in place due to OPN-8 buy-